

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A coupling structure for a rotatable shaft, comprising:

a polymer hub having a plurality of service ports, said polymer hub being centered about a longitudinal axis; and

a metallic insert disposed radially inward from said polymer hub, said metallic insert including a tubular sleeve having an open first end capable of being mounted to the rotatable shaft, a second end opposite said first end, and an annular insert flange projecting radially outward from said second end, said insert flange including a plurality of ~~portions~~ lips projecting radially into a ~~corresponding~~ respective one of said plurality of service ports, and said plurality of ~~portions~~ lips positioned to receive a force for removing the coupling structure from the rotatable shaft when mounted thereto.

2. (Currently Amended) The coupling structure of claim 1 wherein said polymer hub includes a hub flange disposed radially outward of said tubular sleeve, and said service ports are partially inset within said hub flange to define a plurality of channels each having a centerline generally aligned with said longitudinal axis, each of said plurality of ~~portions~~ lips of said insert flange being aligned with a corresponding one of said plurality of channels.

3. (Original) The coupling structure of claim 2 wherein said channels extend along the entire axial extent of said hub flange to said insert flange.

4. (Cancelled)

5. (Original) The coupling structure of claim 1 wherein said tubular sleeve is dimensioned to provide a press fit with the rotatable shaft when mounted thereto.

6. (Currently Amended) The coupling structure of claim 1 wherein said insert flange includes a rim, and each of said plurality of ~~portions of said inert flange~~ lips comprises a seating surface extending from said rim to said tubular sleeve and aligned with a corresponding one of said service ports.

7. (Previously Presented) The coupling structure of claim 6 wherein said inclined seating surface is inclined at about 80° relative to said longitudinal axis.

8. (Previously Presented) The coupling structure of claim 1 wherein said tubular sleeve includes at least one concavity filled with a portion of a material forming said polymer hub for preventing relative rotation between said metallic insert and said polymer hub.

9. (Withdrawn) The coupling structure of claim 1 wherein said sleeve has a knurled surface finish cooperating with material from said polymer hub for preventing relative rotation between said metallic insert and said polymer hub.

10. (Currently Amended) A torsional vibration damper for a rotatable shaft, comprising:

an annular inertia member, said inertial member being centered about a longitudinal axis;

an elastomer layer disposed radially inward from said inertia member;

a polymer hub disposed radially inward from said elastomer layer, said polymer hub having a plurality of service ports; and

a metallic insert disposed radially inward from the polymer hub, said metallic insert including a tubular sleeve having an open first end capable of being mounted to the rotatable shaft, a second end opposite said first end, and an annular insert flange projecting radially outward from said second end, said insert flange including a plurality of ~~portions~~ lips each projecting radially into a ~~corresponding~~ respective one of said plurality of service ports, and said plurality of ~~portions~~ lips positioned to receive a force for removing the torsional vibration damper from the rotatable shaft when mounted thereto.

11. (Currently Amended) The torsional vibration damper of claim 10 wherein said polymer hub includes a hub flange disposed radially outward of said tubular sleeve, and said service ports are partially inset within said hub flange to define a plurality of channels each having a centerline generally aligned with said longitudinal axis, each of said plurality of ~~portions~~ lips of said insert flange being aligned with a corresponding one of said plurality of channels.

12. (Original) The torsional vibration damper of claim 11 wherein said channels extend along the entire axial extent of said hub flange to said insert flange.

13. (Cancelled)
14. (Original) The torsional vibration damper of claim 10 wherein said tubular sleeve is dimensioned to provide a press fit with the rotatable shaft when mounted thereto.
15. (Currently Amended) The torsional vibration damper of claim 10 wherein said insert flange includes a rim and each of said plurality of ~~portions of said insert flange~~ lips comprises a seating surface extending from said rim to said tubular sleeve and aligned with a corresponding one of said service ports.
16. (Previously Presented) The torsional vibration damper of claim 15 wherein said seating surface is inclined at about 80° relative to said longitudinal axis.
17. (Previously Presented) The torsional vibration damper of claim 10 wherein said tubular sleeve includes at least one concavity filled with a portion of a material forming said polymer hub for preventing relative rotation between said metallic insert and said polymer hub.
18. (Withdrawn) The torsional vibration damper of claim 10 wherein said sleeve has a knurled surface finish cooperating with material from said polymer hub for preventing relative rotation between said metallic insert and said polymer hub.